

Docket No.: RPL-021

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of :
Hyun-Shik CHO :
Serial No. New U.S. Patent Application :
Filed: July 9, 2001 :
For: A COLOR CATHODE RAY TUBE :

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
Washington, D. C. 20231

Sir:

Prior to initial examination on the merits, please amend the above-identified application as follows:

IN THE CLAIMS:

Please amend claims 4, 5, 9-11 13, and 15 as follows:

Amended Claims With Mark-ups to Show Changes Made

4. (Amended) The color cathode-ray tube as claimed in claim 1 [or 3], wherein the non-effective area is bent to have the a skirt attached to a frame, and the half etching line is placed between the bent portion and the portion attached to the frame at the skirt.

5. (Amended) The color cathode-ray tube as claimed in claim 1 [or 3], wherein the half etching line is formed on each of both surfaces at the non-effective area of the shadow mask.

9. (Amended) The color cathode-ray tube as claimed in claim 1 [or 3], wherein the distance between the effective area and the half etching lines corresponds to 100-200 μ m.

10. (Amended) The color cathode-ray tube as claimed in claim 1 [or 3], wherein the width of the half etching line is 50-100 μ m.

11. (Amended) The color cathode-ray tube as claimed in claim 1 [or 3], wherein there are at least two half etch lines, the distance between the two half etching lines corresponding from the thickness of the shadow mask to twice the thickness thereof.

13. (Amended) The color cathode-ray tube as claimed in claim 1 [or 3], wherein the etched depth of the half etching line corresponds to 10-35% of the thickness of the shadow mask.

[illegible]

Clean Set of Amended Claims

4. (Amended) The color cathode-ray tube as claimed in claim 1, wherein the non-effective area is bent to have the a skirt attached to a frame, and the half etching line is placed between the bent portion and the portion attached to the frame at the skirt.

5. (Amended) The color cathode-ray tube as claimed in claim 1, wherein the half etching line is formed on each of both surfaces at the non-effective area of the shadow mask.

9. (Amended) The color cathode-ray tube as claimed in claim 1, wherein the distance between the effective area and the half etching lines corresponds to 100-200 μ m.

10. (Amended) The color cathode-ray tube as claimed in claim 1, wherein the width of the half etching line is 50-100 μ m.

11. (Amended) The color cathode-ray tube as claimed in claim 1, wherein there are at least two half etch lines, the distance between the two half etching lines corresponding from the thickness of the shadow mask to twice the thickness thereof.

15. (Amended) The color cathode-ray tube as claimed in claim 3, wherein the radius of curvature of the corner of the half etching line is 0.8-3mm.

REMARKS

Claims 1-16 are pending. Claims 4, 5, 9-11 13, and 15 have been amended to eliminate the multiple dependency. Prompt examination and allowance in due course are respectfully solicited.

Respectfully submitted,
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